**Agriculture and Ecosystem Dynamics: Implications for Landscapes and Livelihoods**

**Introductory Workshop Agenda**

**Lusaka, Zambia, May 15, 2014**

9:00-9:20 Welcome and introductions

*Dr. Robert Richardson, Michigan State University*

9:20-9:40 Overview of the workshop goals

*Dr. P.V. Sundareshwar, USAID/Africa Bureau*

*Mr. Harry Ngoma, USAID/Zambia*

9:40-10:00 Presentation of project framework

*Dr. Robert Richardson, Michigan State University*

10:00-10:20 Overview of system dynamics and causal loop diagram methodology

*Dr. Kurt Waldman, Michigan State University*

10:20-10:40 Coffee break

10:40-10:50 Activity on identifying key problems on which partner organizations are working

10:50-11:30 Small group activity – causal tables (identifying causes of problems*)*

11:30-12:30 Small group activity – causal loop diagramming

*1) How are the problems related to one another?*

*2) What feedback loops are present?*

12:30-1:30 Break for lunch

1:30-2:35 Sharing of causal loop diagrams from group activity

2:30-2:50 Coffee break

2:50-4:00 Full group discussion of causal loop diagrams

*1) What are the missing linkages?*

*2) Which variables are the most important ones to model over time?*

*3) Where can we find data on these variables?*

4:00-4:30 Closing reflections

Complete workshop evaluations